

FORM PTO-1083/Modified



IBM Docket No. SJO920010142US1  
(PATENT)

61  
AF  
2653

In re application of: H.S.Gill  
Serial No.: 10/081,046  
Filed: 2/20/02

For: Magnetoresistance Sensor Having An Antiferromagnetic Pinning Layer With  
Both Surfaces Pinning Ferromagnetic Bias Layers

RECEIVED

JUL 22 2004

Technology Center 2600

Mailstop Amendment  
THE COMMISSIONER FOR PATENTS  
Alexandria, VA 22313-1450

SIR:

Transmitted herewith in the above-identified application are:

X Amendment

- ☐ Declaration and Power of Attorney for Patent Application  
☐ Assignment of the invention to International Business Machines Corporation  
☐ Notice to File Missing Parts of Application -- Filing Date Granted  
☐ IDS

The fee has been calculated as shown below:

| CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT | HIGHEST NO.<br>PREVIOUSLY<br>PAID FOR | PRESENT<br>EXTRA | RATE         | ADDIT.<br>FEE |
|---|---------------------------------------|------------------|--------------|---------------|
| TOTAL 23 MINUS 23 = 0                     |                                       |                  | x 18 =       | \$ .00        |
| INDEP. 9 MINUS 9 = 0                      |                                       |                  | x 86 =       | \$ .00        |
| FIRST PRESENTATION OF MULTIPLE DEP. CLAIM |                                       |                  | +290 =       | \$            |
|   |                                       |                  | Surcharge \$ |               |
|   |                                       |                  | TOTAL        | \$ .00        |

☐ Please charge my Deposit Account No. 09-0466 in the amount of \$ 00.  
A duplicate copy of this sheet is attached.

X The Commissioner is hereby authorized to charge payment of the following fees  
associated with this communication or credit any overpayment to Deposit  
Account 09-0466. **A duplicate copy of this sheet is attached.**

- X Any filing fees under 37 CFR 1.16 for the presentation of extra claims.  
X Any patent application processing fees under 37 CFR 1.17.

**CERTIFICATE OF MAILING**

I hereby certify that the above paper/fee is  
being deposited with the United States Postal  
service as first class mail in an envelope  
addressed to the Commissioner For Patents  
P.O. Box 1450, Alexandria, VA 22313 on  
7/16/04  
Person Mailing paper/fee  
Darci Manuleleua

Signature

Darci Manuleleua

William D. Gill  
William D. Gill  
Registration No. 44,124  
Agent for Applicants  
Telephone (408) 256-2821  
IBM Corporation  
Intellectual Property Law  
Dept. L2PA/010  
5600 Cottle Road  
San Jose, CA 95193